Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

GEOLOGICAL DATA INVENTORY FOLIO

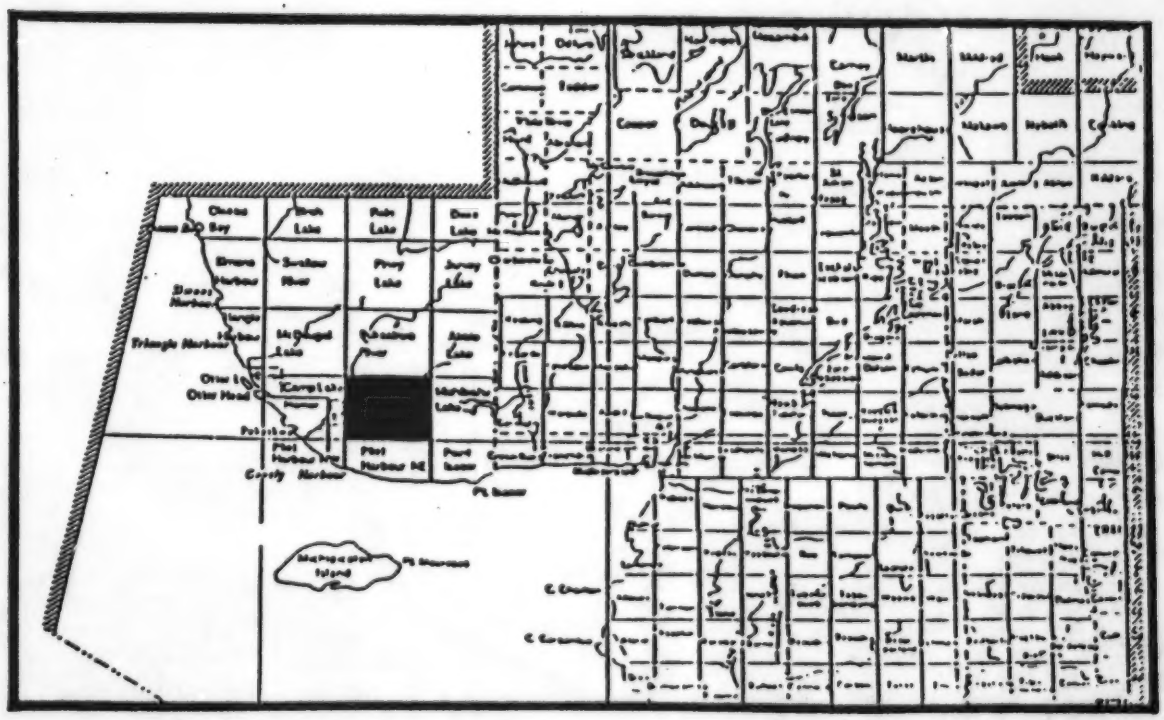
GDIF 594

DAVID LAKE AREA

Sault Ste. Marie Mining Division

N.T.S. No. 42C/04SE

Compiled by the staff of
the Resident Geologist's Office
WAWA



LOCATION MAP

Mining Claim Map Number G-3765 (formerly M-12)

This project was funded by the Northern Development Fund, Wawa Economic Development Initiatives.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Wawa Resident Geologist's Office, 1991. David Lake Area, Geological Data Inventory Folio 594; compiled by the staff of the Resident Geologist's Office, Wawa.

Original Compilation by: Howson, Tim, 1986.

Date	Page(s) Revised	Revised by
09/89	3-1, 3-2, 4-2, to 4-7, 5-1 to 5-4, 6-1 to 6-3, 7-1, 7-2, 9-1, 10-1, 11-1 to 11-6, 12-1 to 12-3, 13-1 to 13-6, 14-1, 15-1	W.W.

Date	Page(s) Revised	Revised by

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ACCOMPANYING MAPS (see map legends on outside back cover).

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ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept. (A.R.)	Annual Report
A.R.I.P	Aggregate Resources Inventory Paper
Bull	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull.	Geological Society of American Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
MP	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines/Ontario Division of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
OGS	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
SOEGTS	Southern Ontario Engineering Geology Terrain Study
Sum. Rept.	Summary Report
OFM	Open File Map
OCRS	Ontario Centre for Remote Sensing
CCRS	Canada Centre for Remote Sensing
WRGO	Wawa Resident Geologist's Office

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DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no': if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	T.H.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	OGS/ODM General Index	Yes	T.H.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	T.H.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	T.H.
6	ODM Industrial Mineral Reports	No	T.H.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	T.H.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	T.H.
9	Newspaper Clippings File	Yes	T.H.
10	GSC Index to Publications	Yes	T.H.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	T.H.
12	OGS Index Maps	Yes	T.H.
13	Source Mineral Deposit Records (OGS)	No	T.H.
14	Author - Subject Articles File	Yes	T.H.
15	ODM/OGS Miscellaneous Papers	Yes	T.H.
16	ODM Geological Circulars	No	T.H.
17	OGS Study Series	No	T.H.
18	ODM Preliminary Reports	No	T.H.
19	ODM Bulletins	No	T.H.
20	ODM/OGS Open File Reports	Yes	T.H.
21	OGS Northern/Southern Ontario Engineering Geology Terrain Studies	Yes	T.H.
22	OGS Aggregate Resources Inventory Papers	No	T.H.
23	OGS Mineral Potential Maps	Yes	T.H.
24	Drill Core Library Catalogue	No	T.H.
25	Algoma Central Railway Maps	No	T.H.
*			

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MINERAL COMMODITIES REFERENCE LIST

anh ..... Anhydrite
ank ..... Ankerite
ap ..... Apatite
arg ..... Argentite
As ..... Arsenic
▲asp ..... Arsenopyrite
asb ..... Asbestos
ba ..... Barite
be ..... Beryl
Bi ..... Bismuth
bn ..... Bornite
Cd ..... Cadmium
calc ..... Calcite
▲carb ..... Carbonate
cc ..... Chalcocite
▲cp ..... Chalcopyrite
ch ..... Chert
clay ..... Clay
Co ..... Cobalt
cob ..... Cobaltite
▲Cu ..... Copper
cor ..... Corundum
dol ..... Dolomite
ep ..... Epidote
fel ..... Feldspar
fl ..... Fluorite (flurospar)
fu. ..... Fuchsite
gn. ..... Galena
gt. ..... Garnet
goe ..... Goethite
▲Au ..... Gold
gf ..... Graphite

gl ..... Gravel
gyp ..... Gypsum
hem ..... Hematite
Fe ..... Iron
▲IF ..... Iron Formation
jas ..... Jasper
ky ..... Kyanite
Pb ..... Lead
lim ..... Limonite
Li ..... Lithium
mgst ..... Magnesite
mag ..... Magnetite
mc ..... Malachite
Mn ..... Manganese
mb ..... Marble
mar ..... Marcasite
ma ..... Marl
mi ..... Mica
mo ..... Molybdenite
Mo ..... Molybdenum
mon ..... Monazite
ne .... Nephelite (nepheline)
Ni ..... Nickel
Nb ..... Niobium
Pd ..... Palladium
pent ..... Pentlandite
Pt ..... Platinum
▲py ..... Pyrite
pyl ..... Pyrochlore
po ..... Pyrrhotite
q ..... Quartz
qcv .. Quartz carbonate vein

ra ..... Radioactive minerals
RE ..... Rare Earths
sd ..... Sand
sgl ..... Sand and gravel
ss ..... Sandstone
scap ..... Scapolite
shee ..... Scheelite
serp ..... Serpentine
sh ..... Shale
sid ..... Siderite
si ..... Silica
Ag ..... Silver
sl ..... Slate
sm ..... Smaltite
sod ..... Sodalite
spec ..... Specularite
sp ..... Sphalerite
spd ..... Spodumene
s ..... Sulphides
talc ..... Talc
Te ..... Tellurium
th ..... Thorite
Th ..... Thorium
ti ..... Titanite
Ti ..... Titanium
tour ..... Tourmaline
W ..... Tungsten
uran ..... Uraninite
U ..... Uranium
verm ..... Vermiculite
Zn ..... Zinc
zr ..... Zircon

ADDITIONS

▲ qv...quartz vein

*

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

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MINERAL OCCURRENCES			Source Min. Dep. Record	References in OGS Min. Dep. Cir. and Indus. Mineral Rpts.	Additional References and/or Remarks
Map Ref. Letter	(see Data Map) Name(s)	Mineralization			
A	Unnamed Occurrence	IF			-see ODM Map P. 506
B	Pukaskwa River Occurrence East Pukaskwa River Occurrence	IF		MDC 011, p. 415 MDI TB0527	-see ODM Map P. 506
C	Pukaskwa River Occurrence East Pukaskwa River Occurrence	IF		MDC 011, p. 415 MDI TB0527	-see ODM Map P. 506
D	Unnamed Occurrence	Cu		MDI TB0525	-see ODM Map P. 506
E	Maple-Cameron Lakes Occurrence	IF		MDC 011, p. 415	-see ODM Map P. 506
F	Scuzzy Lake Showing #1 (Western and Eastern exposures)	Au, asp, py, cp			-see file WP-David Lake-2 Western exposure: p. 25 to 30 Eastern exposure: p. 31-32
F	Scuzzy Lake Showing #2 (located 45 ft. east of the Eastern exposure of Scuzzy Lake Showing #1)	Au, qv, asp			-see file WP-David Lake-2 p. 32-33

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MINERAL OCCURRENCES			Source Min. Dep. Record	References in OGS Min. Dep. Cir. and Indus. Mineral Rpts.	Additional References and/or Remarks
Map Ref. Letter	(see Data Map) Name(s)	Mineralization			
G	Scuzzy Lake Showing #3	Au, qv, asp			-see file WP-David Lake-2 p. 33-38
H	Scuzzy Lake Showing #5	Au, py			-see file WP-David Lake-2 p. 39-40
I	Unnamed Occurrence	Au, py			-see file WP-David Lake-7 p. 14 (fig. 4), 16, 29
J	Unnamed Occurrence	qv, Au			-see file WP-David Lake-7 p. ii, 29, 31
K	Sandstone Creek Showing	Au, qv, py, asp			-see file WP-David Lake-11 p. i, ii, 16, 17
L	Unnamed Occurrence	qv, asp, Au			-see file WP-David Lake-6 p. 12, map No. 1C
M	Unnamed Occurrence	py, asp, Au			-see file WP-David Lake-6 p. 12, map No. 1C
N	Unnamed Occurrence	py, Au			-see file WP-David Lake-6 p. 12

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																			
										Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus	Notes Corresp	Mag	EM	Rad	Mag	EM	Rad	IP	Self Potential	Resistivity	Other Data	or footnotes
1	Noranda Exploration Co. Ltd. (42C/04SE 0010-A1)												78	78						
2	Noranda Exploration Co. Ltd. (42C/04SE 0011-A1)												77	77						
3	Goetz, Alois (42C/04SE 0012-A1)	07																		
4	Harbinson Mining and Oil Group (42C/04SE 0013)							83 84		83	83									
5	Wasabi Resources Ltd. San Paulo Exploration Inc. Harbinson, V.N. (42C/04SE 0014)									85	85									

SEE PAGE 13-1,... NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																		
										Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp		Mag	EM	Rad	Mag	EM	Rad	IP	Self potential	Resistivity	Other Data	or footnotes
6	Cotton Valley Resources Ltd. (41N/13NE 0014)									83	83									
7	Brass Ring Res. Ltd. (41N/13NE 0012)									83	83									
8	Asarco Explorations of Canada Ltd. (St. Germain 0010)	72		72		72							72	72						N-1
9	Wasabi Resources Ltd. Chavin of Canada Ltd. O' Brien Energy & Resources Ltd. (42C/04SE 0015-A1) (42C/04SE 0018)	83	83			83														N-2
10	Daiwan Engineering Ltd. (42C/04SE 0016)									85	85									

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TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																		
										Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp	Other Data or footnotes	Mag	EM	Rad	Mag	EM	Rad	IP	Self potential	Resistivity		
11	Joutel Resources Ltd. (42C/04SE 0017)	85	85			85								85						
12	V. N. Harbinson (WP-David Lake-1)	85							N-3											
13	O' Brien Energy & Resources Ltd. Chavin of Canada Ltd. Wasabi Resources Ltd. (WP-David Lake-2)	85	85	85		85			N-3											
13	O' Brien Energy & Resources Ltd. Chavin of Canada Ltd. Wasabi Resources Ltd. (42C/04NE 0019)	83 85	83 85	85		83 85								84						
13	Wasabi Resources Ltd. Chavin of Canada Ltd. O' Brien Energy & Resources Ltd. (42C/04NE 0020)	83	85			83 85							83	83						

SEE PAGE 13-1,... NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																			
										Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp		Mag	EM	Rad	Mag	EM	Rad	IP	Self Potential	Resistivity	Other Data		or footnotes
13	Dominion Explorers Inc. (WP-David Lake-11)	87			87	87													N-3		
14	Wasabi Resources Ltd. (WP-David Lake-4)				86														N-3		
15	Wasabi Resources Ltd. (WP-David Lake-3) (WP-David Lake-5)				86	86													N-3 N-4		
16	Caribbean Resources Ltd. Exmar Resources Ltd. Red Barn Distribution Centres Ltd. (WP-David Lake-6)		87			87													N-3		
17	San Paulo Explorations Inc. (WP-David Lake-10)		88			88													N-3		

SEE PAGE 13-1,...NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																			
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp	Airborne Mag	Airborne EM	Airborne Rad	Ground Mag	Ground EM	Ground Rad	Ground IP	Ground Self Potential	Ground Resistivity	Other Data or footnotes
17	San Paulo Explorations Inc. (WP-David Lake-7)	87				87												N-3
18	Central Crude Ltd. Joutel Resources Ltd. (WP-David Lake-8)		88			88												N-3
19	Caribbean Resources Ltd. (WP-David Lake-9)		88			88												N-3
20	Noranda Exploration Co. Ltd. (WP-David Lake-13)		88			88												N-3
21	Daiwan Engineering Inc. (WP-David Lake-12)		88			88												N-3
22	Penn-Gold Resources Inc. (WP-David Lake-14)								88	88								N-3

SEE PAGE 13-1,...NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																				
											Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus	Notes Corresp	Mag	EM	Rad	Mag	EM	Rad	IP	Self potential	Resistivity	Other Data			or footnotes
23	Lahla Administrative Services Ltd. (WP-Camp Lake-1)									88	88											N-3
24	Noranda Exploration Co. Ltd. (WP-Point Isacor-2)	87	87			87																N-3
25	Oneida Resources Ltd. Allota Resources Ltd. Villeneuve Resources Ltd. (WP-Pilot Harbour NE-1)									87	87											N-3
26	Dominion Explorers Inc. (WP-Pilot Harbour NE-5)									88	88											N-3
27	Noranda Exploration Co. Ltd. Joutel Resources (WP-David Lake-15)		89			89																N-3

SEE PAGE 13-1,... NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968								Airborne			Ground						Other Data or footnotes
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp		Mag	EM	Rad	Mag	EM	Rad	IP	Self potential	Resistivity	
28	Tundra Gold Mines Ltd. (WP-David Lake-16)									89	89								N-3

SEE PAGE 13-1,...NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

DRILLHOLE SUMMARY									
Map Drill Loc. No.	Company Name	Company Drillhole Number	Date Drill-ed	Bearing and Azimuth	Init. Dip of Hole	Over-burden Thick-ness	Hole Length	Log Mineraliza-tion	Assay data in log
1	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-01	1986	180	-45S	8.0'	293.0'	calc, py, qv, po, tour, fu, qcv, asp, gf, ep	
2	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-02	1986	180	-45S	4.0'	103.0'	po, py, qcv, calc, ank	
3	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-03	1986	180	-45S	5.0'	248.0'	qv, py, carb, qcv, tour, fu calc, gf, ch, asp, hem	
4	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-04	1986	?	?	?	?		
5	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-05	1986	?	?	?	?		
6	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-06	1986	?	?	?	?		
7	Wasabi Resources Ltd. (WP-David Lake-4)	MAC-86-07	1986	?	?	?	?		

DRILLHOLE SUMMARY									
Map Drill Loc. No.	Company Name	Company Drillhole Number	Date Drill-ed	Bearing and Azimuth	Init. Dip of Hole	Over-burden Thick-ness	Hole Length	Log Mineraliza-tion	Assay data in log
8	Wasabi Resources Ltd. (WP-David Lake-5)	MAC-86-08	1986	328	-45N	9.0′	176.0′	qv, asp, po, py, cp, calc, tour	Au
8	Wasabi Resources Ltd. (WP-David Lake-5)	MAC-86-09	1986	324	-45	7.5′	103.0′	qcv, calc, po py, qv, asp, cp	Au
9	Wasabi Resources Ltd. (WP-David Lake-5)	MAC-86-10	1986	160	-45	33.0′	241.0′	calc, qv, po, qcv, cp, py, asp, fu, tour	Au
10	Wasabi Resources Ltd. (WP-David Lake-5)	MAC-86-11	1986	180	-45	16.0′	321.0′	py, carb, fu, po, asp, qv, cp, tour	Au
11	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-15	1987	180 South	-45	12.0′	247.0′	calc, qcv, py cp, po, tour, qv, si, Mo, gt asp, dol	Au
11	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-16	1987	180 South	-60	10.0′	247.0′	carb, calc, qcv, py, tour po, asp, gt, dol	Au
12	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-17	1987	180 South	-45S	12.0′	207.0′	py, qcv, po, asp, tour, cp qv, dol	Au

DRILLHOLE SUMMARY									
Map Drill Loc. No.	Company Name	Company Drillhole Number	Date Drill-ed	Bearing and Azimuth	Init. Dip of Hole	Over-burden Thick-ness	Hole Length	Log Mineraliza-tion	Assay data in log
13	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-18	1987	180 South	-45	12.0′	220.0′	calc, qv, py, qcv, tour, sp po, cp, asp, fu, gt, gf	Au
14	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-19	1987	180 South	-45	4.0′	327.8′	qcv, calc, qv py, dol, tour asp, si, po, gf, fu	Au
15	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-20	1987	180 South	-45	6.0′	451.0′	carb, dol, py ank, qv, calc ep, po, gt, cp hem, qcv, gn, tour, serp	Au
16	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-22	1987	180 South	-45	4.0′	250.0′	qcv, ep, calc py, dol, tour qv, si, po, fu asp, gf, cp, ch, serp	Au
16	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-23	1987	180 South	-85	12.0′	1002.0′	py, ep, qv, ch tour, si, qcv dol, po, cp, gt, asp, calc	Au
17	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-24	1987	180 South	-45	12.0′	253.0′	py, calc, qcv tour, qv, sp, po, si, dol, gf, serp	Au

DRILLHOLE SUMMARY									
Map Drill Loc. No.	Company Name	Company Drillhole Number	Date Drill-ed	Bearing and Azimuth	Init. Dip of Hole	Over-burden Thick-ness	Hole Length	Log Mineraliza-tion	Assay data in log
18	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-25	1987	180 South	-45	12.0'	317.0'	qcv, dol, py, qv, po, tour, ank, cp	Au
19	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-26	1987	180 South	-50	14.0'	302.0'	qcv, calc, ch py, qv, ank, dol, po, cp, si, tour, gn, gt	Au
20	Dominion Explorers Inc. (WP-David Lake-11)	MAC-87-28	1987	180 South	-45	10.0'	257.0'	ank, carb, py calc, qv, cp, po, asp, qcv, dol, tour	

Map Index No.	AIRBORNE GEOPHYSICAL SURVEY DATA		Flight Altitude	Flight Line Direct.	Flight Line Spacing
	-by -for -year	Type of Survey			
0	-by Scintrex Ltd. -for OGS -1980	-a. Scintrex HEM-802 electromagnetic system -b. Scintrex MAP-4 proton precession magnetometer	Sensor 30m	N-S	200m
0	-by Dighem Surveys and Processing Inc. -for OGS -1987-88	-a. Dighem 3 frequency electromagnetic system -b. Cesium magnetometer	30m 45m	N-S	200m
4	-by Aerodat Ltd. -for Harbinson Mining and Oil Group -1983	-a. Aerodat/Geonics 3 frequency electromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession type magnetometer	60m	N-S	660'
5	-by Terraquest -for Wasabi Res. Ltd. -1985	-a. GEM GSM-8BA proton precession type magnetometer -b. Herz Totem 2A VLF-EM system	100m	N-S	100m

Map Index No.	AIRBORNE GEOPHYSICAL SURVEY DATA		Flight Altitude	Flight Line Direct.	Flight Line Spacing
	-by -for -year	Type of Survey			
6	-by Aerodat Ltd. -for Cotton Valley Resources Ltd. -1983	-a. Aerodat/Geonics 3 frequency electromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession type magnetometer	60m	N-S	660'
7	-by Aerodat Ltd. -for Brass Ring Res. Ltd. -1983	-a. Aerodat/Geonics 3 frequency eletromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession type magnetometer	60m	N-S	660'
10	-by Terraquest Ltd. -for Daiwan Engineering Ltd. -1985	-a. GEM Systems proton precession type magnetometer -b. Herz Totem 2A VLF-EM system	100m	360	100m
22	-by H. Ferderber Geophysics Ltd -for Penn-Gold Resources Inc. -1988	-a. GEM Systems GSM-11 high sensitivity proton (Overhauser) magnetometer -b. Herz Totem 2A VLF-EM system	300'	340-160	328'

Map Index No.	AIRBORNE GEOPHYSICAL SURVEY DATA		Flight Altitude	Flight Line Direct.	Flight Line Spacing
	-by -for -year	Type of Survey			
23	-by Terraquest Ltd. -for Lahla Administrative Services Ltd. -1988	-a. GSM-9BA proton precession type magnetometer -b. Herz Totem 2A VLF-EM system	100m	360	100m
25	-by H. Ferderber Geophysics Ltd. -for Oneida Resources Ltd. -1987	-a. GEM GSM-9BA (Overhauser) proton precession magnetometer -b. Herz Totem 2A VLF-EM system	250'	N-S	440'
26	-by Aerodat Limited -for Dominion Explorers Inc. -1988	-a. Aerodat 3 frequency electromagnetic system -b. Herz Totem 2A VLF-EM system -c. Scintrex V1W-2321 H8 cesium optically pumped magnetometer	30m	000-180 135-315 045-225	125m
28	-by H. Ferderber Geophysics Ltd. -for Tundra Gold Mines Ltd. -1989	-a. GEM systems GSM-11 high sensitivity proton (Overhauser) magnetometer -b. Herz Totem 2A VLF-EM system	300'	150-330	1250'

Map Site No.	GEOCHEMICAL SURVEY DATA		By	Reference(s)
	Type of survey	Analysis for		
1	Stream and Spring Sediment	Cu, Ni, Zn, Co, Mn and cold extractable heavy metals	Wolfe, W.J. for the OGS	ODM GR 158 and 6 Maps
2	Lake Sediment and Water Geochemical	Zn, Cu, Pb, Ni, Co, Ag, Mn, As, Mo, Fe, U, F	OGS-GSC	OGS OFR 5267
3	Soil and Rock Sampling	Au, Ag, Cu, Pb, Zn, Mo	Wasabi Resources Ltd. Chavin of Canada Ltd. O' Brien Energy & Resources Ltd.	file 42C/04SE 0015-A1
4	Soil, Rock and Humus Sampling	Au	Joutel Resources Ltd.	file 42C/04SE 0017
5	Soil and Rock Sampling	Au	Wasabi Resources Ltd. Chavin of Canada Ltd. O' Brien Energy & Resources Ltd.	file WP-David Lake-2
6	Soil Sampling	Au, As, Cu, Zn	Central Crude Ltd. Joutel Resources Ltd.	file WP-David Lake-8
7	Soil Sampling	Au, Cu, Pb, Zn, Ag, As	Caribbean Resources Ltd.	file WP-David Lake-9
8	Soil Sampling	Au, As, Cu, Zn	San Paulo Explorations Inc.	file WP-David Lake-10
9	Soil Sampling	Au, As	Noranda Exploration Co. Ltd.	file WP-David Lake-13
10	Humus Sampling	Au	Noranda Exploration Co. Ltd.	file WP-Point Isacor-2

Map Site No.	GEOCHEMICAL SURVEY DATA		By	Reference(s)
	Type of survey	Analysis for		
11	Soil Sampling	Au, As	Noranda Exploration Co. Ltd.	file WP-David Lake-15
12	Soil Sampling "A" Horizon	Au	Daiwan Engineering Inc.	file WP-David Lake-12
13	Soil Sampling	As, Au, Cu, Ag, Pb, Zn	Caribbean Resources Ltd. Exmar Resources Ltd. Red Barn Distribution Centres Ltd.	file WP-David Lake-6
14	Soil & Rock Sampling	Au, Ag, Cu, Mo, Pb, Zn	Wasabi Resources Ltd. Chavin of Canada Ltd. O' Brien Energy & Resources Ltd.	file 42C/04NE 0020

GEOCHRONOLOGY DATA – AGE DATING

Site No. on Map	Method	Material	Reference	Result

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AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist Office

(a) Aerial Photographs

1. 1" to 1/4 mile, black and white; 1980; See Addenda (p. 15. 1) for details

(b) Photomosaics

(c) Satellite Imagery

1. Canada Centre for Remote Sensing Side Aperture Radar - H880175 (C) 93; May, 1988 1: 50 000 (Black and White)

2. Canada Centre for Remote Sensing Side Aperture Radar - H880173 (C) 85; May, 1988 1: 50 000 (Black and White)

3. Experimental Composite of Airborne Radar (SAR) and Total Field Aeromagnetics, SAR Data Acquired 24-May-88 by CCRS Radar Development Program. Total Magnetic Field Derived from Digital Archives of OGS Map 81 143 R. B. Barlow. Processed at Ontario Centre for Remote Sensing/MNR 10-Feb-89 1: 50 000

4. Experimental Composite of Airborne Radar (SAR)and Total Field Aeromagnetics, SAR Data Acquired 24-May-88 by CCRS Radar Development Program. Total Magnetic Field Derived from Digtial Archives of OGS Map 81 143 R. B. Barlow. Processed at Ontario Centre for Remote Sensint/MNR 10-Feb-89 1: 100 000

TOPOGRAPHIC MAPS (selected)			
Scale	Year	Name and/or Number	By
1: 50 000	1977	Pukaskwa River: 42C/04	Surveys and Mapping Branch: Department of Energy, Mines and Resources
1: 100 000	1977	Pukaskwa River: NTS 42C/SW and part of 42D/SE	Surveys and Mapping Branch: Ministry of Natural Resources

NEWSPAPER CLIPPINGS FILE			
PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
Sault Daily Star	01/12/70		Pukaskwa Region may be park site
Sault Daily Star	03/02/70	4	Tourism, communication gap should be narrowed
Sault Daily Star	12/04/74		Fletcher family spent '20s in Pukaskwa area
Sault Daily Star	01/19/78		Pukaskwa program criticized
Northern Miner	12/09/82		Cotton Valley aquires two gold properties
George Cross Newsletter	02/14/83		Three projects underway in three gold or silver bets
Northern Miner	10/13/83		Wasabi has completed reconnaissance work
Northern Miner	10/20/83		Mishibishu area now alive with gold exploration projects
?	10/20/83		Mishibishu Lake area now alive with gold exploration projects
Northern Miner	04/11/85		Wasabi planning Mishibishu work
George Cross Newsletter	08/06/85		Brass Ring Resources Inc. Share consolidation - 5 old = 1 new proposed

NEWSPAPER CLIPPINGS FILE			
PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
Northern Miner	01/06/86		Chavin has not forgotten it's 111 claims near Hemlo
Northern Miner	09/28/87	28	Central Crude Ltd. Properties and projects Macassa Creek property
Northern Miner	10/05/87	24	The Applegath group of companies Mishibishu Lake area
Northern Miner	11/16/87	A23	The Applegath group of companies Mishibishu Lake area
George Cross Newsletter	11/26/87		Caribbean Resources Ltd. Exmar Resources Ltd. Red Barn Distribution Centres Ltd. Mishibishu drill contract let
George Cross Newsletter	11/27/87		Exmar Resources Ltd. Drill test is imminent at Mishibishu Lake
George Cross Newsletter	11/27/87		Caribbean Resources Ltd. Exmar Resources Ltd. Red Barn Distribution Centres Ltd. Property location map overleaf
Northern Miner	01/18/88	24	Noranda, Central release results from two areas of Eagle River bet soil sampling completed on 99 claim Joutel Resources property
Northern Miner	01/18/88	26	Noranda, Central report results from Eagle River

NEWSPAPER CLIPPINGS FILE			
PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
Northern Miner	02/22/88	24	The Applegath group of companies Mishibishu Lake area
Northern Miner	03/28/88	1&6	Noranda, Hemlo Gold active at red-hot Mishibishu region Mishibishu Lake area gets "hotter"
Northern Miner	04/25/88	25	Antimony mine, gold potential have Dominion Explorers busy high hopes for Macassa Creek property
George Cross Newsletter	04/25/88		Caribbean Resources Corp. Exmar Resources Ltd. Funds sought for continued Mishibishu gold exploration
George Cross Newsletter	06/03/88		Exmar Resources Ltd. Caribbean Resources Ltd. Hemlo Gold Mines Inc. Mishibishu joint venture agreement
Northern Miner	06/06/88	1&6	Central Crude play paying off for Noranda
George Cross Newsletter	06/06/88		Central Crude Ltd. Hemlo Gold Mines options Pukaskwa River property
Northern Miner	06/13/88		Mishibishu is hotter area than ever
Northern Miner	06/27/88	24	The Applegath group of companies Mishibishu Lake area

NEWSPAPER CLIPPINGS FILE

PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
George Cross Newsletter	08/10/88		Acheron Resources Ltd. Mishibishu gold belt entered
George Cross Newsletter	08/10/88		Windara group of companies Mishibishu Lake area (map only)
George Cross Newsletter	09/02/88		Central Crude Ltd. Hemlo Gold Mines Ltd.
Northern Miner	09/05/88	28	The Applegath group of companies Mishibishu Lake area
Northern Miner	09/05/88	1&2	Mishibishu rush compares to Hemlo 8000 claims staked
Northern Miner	09/12/88	1&17	Central Crudes Mishibishu find ignites interest see "other interests"
Northern Miner	09/12/88		Central Crude fathers forming new project for Mishibishu area
George Cross Newsletter	09/21/88		Noront Resources Ltd. Central Crude Ltd. Central Crude properties optioned
George Cross Newsletter	09/29/88		Exmar Resources Ltd. Three exploration programs reviewed
Northern Miner	10/03/88	3	Noront gets nod from Central Crude as exploration arm
George Cross Newsletter	10/14/88		Acheron Resources Ltd. Universal Trident Industries Ltd. Acheron expands Mishibishu gold belt holdings

NEWSPAPER CLIPPINGS FILE			
PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
George Cross Newsletter	11/04/88		Central Crude Ltd. Joutel Resources Ltd. Drilling to start on Pukaskwa River property
George Cross Newsletter	11/08/88		Caribbean Resources Ltd. Mishibishu Resources Corp. Exmar Resources Ltd. Mishibishu Lake exploration underway
George Cross Newsletter	12/01/88		Universal Trident Industries Ltd.
George Cross Newsletter	12/05/88		Central Crude Ltd. Hemlo Gold Mines Inc. Eagle River assays reported diamond drill moved to Macassa Creek property
George Cross Newsletter	01/26/89		Expeditor Resource Group Ltd. Lahla Administrative Services Ltd. Vadium Corp Agreement between
George Cross Newsletter	01/30/89	3	Mishibishu Resources Ltd. Mishibishu Lake gold belt property reported
George Cross Newsletter	02/08/89		Mishibishu Resources Ltd. Mishibishu property optioned
George Cross Newsletter	04/21/89		Mishibishu Resources Ltd. Windara Minerals Ltd. Flow through private placement reported
Northern Miner	08/07/89	6	Central Crude option Mishibishu Lake Ontario

NEWSPAPER CLIPPINGS FILE			
PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
Northern Miner	08/28/89		Three companies to merge, will form Mishibishu Gold
News Release	? / /		Applegath group of companies Mishibishu Lake area
George Cross Newsletter	11/ /86		Central Crude Ltd. Joutel Resources Ltd. Interest optioned on 99 claim Macassa Creek property
George Cross Newsletter	? / /		Exmar Resources Ltd. Caribbean Resources Ltd. Mishibishu property detailed

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Asarco Explorations of Canada Ltd.

David Lakes

Goetz, Alois

I.O. - Report of the Iron Ore Committee

Katossin Property

Macassa Creek

Maple Creek

Pipe River

Pukaskwa River

Index Volume	Listing:	Report Volume	Part	Page
1	David Lakes, E. branch of Pukaskwa R., Pukaskwa R., Lake Superior			
	Minor ref.	14	1	284
	Rocks near	14	1	354
	Iron bearing	14	1	316
	schists, notes	14	1	306
	Trees near	14	1	296
	Katossin Iron Claims, Iron R., Michipicoten mg.div.	14	1	314
	Appearances (favorable) 1904	14	1	339
	Jaspilite	14	1	309
	Notes by J.M. Bell	14	1	321, 322, 333, 336
	Photo	14	1	322
	Rocks near	14	1	316
	Pipe River, L. Superior, ThB.d.	14	1	284, 316
	Pukaskwa River, L. Superior			
	Berries	8		147, 155
	Brook Trout	14	1	297
	Caribou	8		137, 138
	Gorges, photo	14	1	283, 284
	High hills	14	1	281
	Name, spelling of	8		133
	Notes by Bell, J.M.	14	1	283, 284

cont.

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Index Volume	Listing:	Report Volume	Part	Page
	Coleman	8		137, 138
	Rocks on and near	8		143
		14	1	313
	Pukaskwa River, L. Superior			
	Rocks on and near			
	conglomerate	8		142, 166
		11		167
		14	1	346
	granite	14	1	336, 349
	iron bearing	14	1	305, 316
2	David Lakes, E. Branch of Pukaskwa River			
	Iron Claims	I.O.		187
	Goetz - Conness Iron Claims, Pukaskwa valley			
	Exploratory work, I.O.	I.O.		187
3	Pukaskwa River, L. Superior			
	East branch, description and photo	49	9	4,5
	Mineralization near	49	9	12
	Rocks	49	9	10
	Iron formation near	49	9	12
4	No listings			
5	No Listings			
6	No listings			

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Index Volume	Listing:	Report Volume	Part	Page
7	No listings			
8	Pukaskwa Operation, Thunder Bay and Algoma Districts Summary of Field Work, 1969 by G. Bennett, P.C. Thurston and J.F. Giguere	MP 22		31-34
	Pukaskwa River East Occurrences Pukaskwa River area, Thunder Bay District mining property, report on	MRC 11		415
9	Pukaskwa Area, Algoma and Thunder Bay Districts Geochem study of the area Report on, 1976 by W.J. Wolfe	GR 158		
	Pukaskwa River Area, Algoma and Thunder Bay Districts Report (quaternary) and map 5096 on, 1979 by John F. Gartner and D.F. McQuay	NOEGTS 72		
	Pukaskwa-University River Area, Algoma and Thunder Bay Districts Copper	GR 153		39-53
	Geology of the area report, maps 2332 and 2333 and chart on, 1977 by G. Bennett and P.C. Thurston	GR 153		
	Iron	GR 153		38-42

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SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Barlow, R. B.	1988	Total Magnetic Field Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series Map 81143	1: 100 000
Barlow, R. B.	1988	Calculated Second Vertical Derivative Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series Map 81144	1: 100 000
Barlow, R. B.	1988	Directionally Shadowed Total Magnetic Field Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series Map 81145	1: 100 000
Bell, J. M.	1905	Iron Ranges of Michipicoten (West)	OBM AR Vol. 14, Pt. 1, with Map 14a	p. 278-355 1: 126 720
Bennett, G. Thurston, P. C.	1977	Geology of the Pukaskwa - University Rivers area, Districts of Algoma and Thunder Bay	ODM GR 153 and 2 Maps	60 pages 1"=1mile
Bennett, G. Thurston, P. C.	1972	Operation Pukaskwa, Districts of Algoma and Thunder Bay, Ontario	OGS OFR 5073	93 pages

SELECTED REFERENCES			Reference	Map Scale and/or Reprt/Pages
Author	Date	Title		
Bennett, G. Thurston, P.C. Giguere, J.F.	1972	Pukaskwa River Sheet	ODM Map 2332	1"=1mile
Bennett, G. Thurston, P.C. Giguere, J.F.	1969	Operation Pukaskwa, Pukaskwa River Sheet, Districts of Thunder Bay and Algoma	ODM Prelim. Map P. 506	1"=1mile
Bennett, G. Thurston, P.C. Giguere, J.F.	1969	Operation Pukaskwa	ODM Prelim. Map P. 541	1"=2miles
Bennett, G. Thurston, P.C. Giguere, J.F.	1968	Summary of Field Work by the OGS, No. 12, Operation Pukaskwa, Districts of Thunder Bay and Algoma	OGS MP 22	p. 31-34
Bowen, R.P.	1986	Mishibishu Lake Area, Districts of Algoma and Thunder Bay	OGS MP 132	p. 107-110
Bowen, R.P. Logothetis, J.	1985	Mishibishu Lake Area, Districts of Algoma and Thunder Bay	OGS MP 126	p. 78-82
Bowen, R.P. Logothetis, J. Heather, K.B.	1986	Precambrian Geology of the Mishibishu Lake Area, North Central Section, Districts of Algoma and Thunder Bay	OGS Prelim. Map P. 2969	1"=1/4mile

SELECTED REFERENCES			Reference	Map Scale and/or Reprt/Pages
Author	Date	Title		
Coleman, A. P.	1899	Map of the Western Part of the Michipicoten Mining Division, Algoma District	OBM Map 8b	1: 253 440
Coleman, A. P.	1899	Copper Regions of the Upper Lakes, Ontario	OBM AR Vol. 8, Pt. 2	p. 121-174
Gartner, J. F. McQuay, D. F.	1979	Pukaskwa River Including Michipicoten Island: Northern Ontario Engineering Geology Terrain Study	NOEGTS Study 72 with Map 5096	14 pages 1: 100 000
Heather, K. B.	1986	Mineralization of the Mishibishu Greenstone Belt	OGS MP 132	p. 283-291
Heather, K. B.	1985	Gold Showings of the Mishibishu Lake Area, Thunder Bay District	OGS MP 126	p. 83-89
Meyn, H. D. Robertson, J. A.	1975	Iron Deposits of Ontario, East Central Sheet	ODM Prelim. Map P. 1043	1: 1 013 760
Milne, V. G. et al	1972	Manitouwadge - Wawa Sheet	ODM Map 2220	1"=4miles

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
ODM-GSC	1963	Aeromagnetic Map: Pukaskwa River	ODM-GSC Aeromagnetic Series Map 2165G	1" =1mile
OGS-GSC	1979	Regional Lake Sediment and Water Geochemical Reconnaissance	OGS OFR 5267 and 16 Maps	83 pages 1: 250 000
OGS	1987	Airborne Electromagnetic and Total Intensity Magnetic Survey, Wawa Area, Districts of Algoma and Thunder Bay: by Dighem Surveys and Processing Inc. for OGS	OGS Geophysical/ Geochemical Series Map 81022	1: 20 000
Reid, R. G. Reilly, B. A.	1987	Mishibishu Lake Area, Districts of Algoma and Thunder Bay	OGS MP 137	p. 138-145
Scintrex Ltd.	1980	Airborne Electromagnetic and Total Intensity Magnetic Survey, Homer Township Area, Eastern Part, District of Thunder Bay	OGS Geophysical/ Geochemical Series Map 80481	1: 20 000
Springer, Janet	1977	Ontario Mineral Potential: White River Sheet	OGS Prelim. Map P. 1519	1: 250 000

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Wadge, D. R.	1980	Airborne Electromagnetic and Magnetic Survey by Scintrex for the OGS	OGS MP 96 Summary of Field Work	p. 150
Wolfe, W. J.	1976	Regional Geochemical Reconnaissance of Archean Metavolcanic - Metasedimentary Belts in the Pukaskwa Region	ODM GR 158	54 pages
Wolfe, W. J.	1973	Regional Geochemical Reconnaissance of Archean Metavolcanic - Metasedimentary Belts in the Pukaskwa Region, Algoma and Thunder Bay Districts	OGS OFR 5091	62 pages
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Cold Extractable Heavy Metals in Stream and Spring Sediments	ODM Prelim. Map P. 508	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Copper in Stream and Spring Sediments	ODM Prelim. Map P. 509	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Zinc in Stream and Spring Sediments	ODM Prelim. Map P. 510	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Manganese in Stream and Spring Sediments	ODM Prelim. Map P. 511	1"=1mile

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Nickel in Stream and Spring Sediments	ODM Prelim. Map P. 512	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Cobalt in Stream and Spring Sediments	ODM Prelim. Map P. 513	1"=1mile

MAP LEGENDS

A. FILES INDEX MAP

FILE AREAS See pages 4-1,2 .... of text

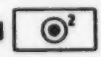
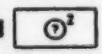
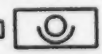
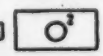
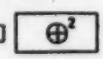
- ■ Reference number is always inside work area outlined. See listing in text pages.
- ☐ Small area of exploration data
- ☐ File covers whole township or area
- ☐

B. EXPLORATION DATA MAP

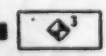
MINERAL OCCURRENCES: See pages 3-1,2__ of text

- ■ Mineral occurrence at surface, with reference letter
- ■ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized float with reference letter
- ☐ Mineral occurrence encountered in drilling, with reference letter
- ☐

DRILLHOLES: See pages 5-1,2__ of text

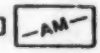
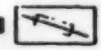
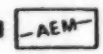
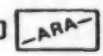
- ■ Location of single drillhole, with reference number
- ■  Location of group of closely spaced drillholes, with reference number
- ■  Drillhole, exact location uncertain, with reference number
- ☐  Property with underground drillholes in this general area, with reference number
- ☐  Property with drillholes which have not been plotted on map, with reference number
- ☐  Reverse circulation drillhole; churn drilling, with reference number
- ☐

GEOCHEMICAL: See pages 7-1,2__of text

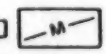
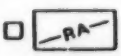
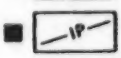
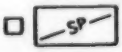
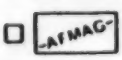
- ■  Geochemical sample site, with reference number
- ■ Area of geochemical sampling, with reference number
- ☐

GEOPHYSICAL ANOMALIES

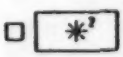
Airborne Surveys: See pages 6-1,2__ of text

- ☐  Airborne magnetic anomaly
- ■  Airborne electromagnetic anomaly Length of anomaly along flight line
- ■ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ■  Airborne electromagnetic anomaly Conductor axis: Location of flight lines uncertain
- ☐  Airborne radiometric anomaly

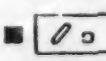
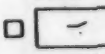
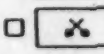
Ground Surveys

- ☐  Ground magnetic anomaly
- ■ Ground electromagnetic anomaly (VL - Vertical loop, HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐  Ground radiometric anomaly
- ■  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly (total intensity)
- ☐ Resistivity anomaly
- ☐ Gravity anomaly
- ☐

GEOCHRONOLOGICAL DATA: See page 8 of text

- ☐  Age dating material sampling site, with reference number
- ☐

MISCELLANEOUS DATA

- ■  Trenching, pit
- ☐  Adit
- ☐  Sand and/or gravel pit
- ☐
- ☐ Rock quarry
- ☐ Open pit
- ☐

CONVERSION FACTORS

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	6.451 6	cm^2
1 m^2	10.763 9	square feet	1 square foot	0.092 903 04	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	16.387 064	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in cooperation with the Coal Association of Canada.

For further information please contact:

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(705-856-4883)

DAVID LAKE

MAPS
NOT
FILMED

CARTES
OMISES